

### **Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-48. (Cancelled)

49. (Currently amended) A method of treating hot flashes in a patient comprising:

administering to a patient that experiences hot flashes an amount of one or more compounds selected from the group of L-norleucine, L-alloisoleucine, L-methionine, 2-cyclohexylglycine, 2-phenylglycine, 2-amino-2-norbornane carboxylic acid, 1-aminocyclohexane carboxylic acid, 2-aminoheptanoic acid, 2-aminocaprylic acid, and 2-aminononanoic acid under conditions effective to treat the hot flashes.

50. (Currently Amended) The method according to claim + 49 wherein the compound is L-methionine.

51. (Previously Presented) The method according to claim 49 wherein compound is administered in an amount of about 10 to about 5000 mg per day.

52. (Previously Presented) The method according to claim 49 wherein said administering is carried out orally, parenterally, subcutaneously, transdermally, intravenously, intramuscularly, intraperitoneally, by intranasal instillation, by implantation, by intracavitary or intravesical instillation, intraocularly, intraarterially, intralesionally, or by application to mucous membranes.

53. (Previously Presented) The method according to claim 49 wherein the compound is present in a pharmaceutical composition comprising the compound and a pharmaceutically-acceptable carrier.

54. (Previously Presented) The method according to claim 53 wherein the pharmaceutical composition is in a liquid or solid dosage form.

55. (Previously Presented) The method according to claim 49 wherein the compound is present in a nutritional supplement comprising the compound and a suitable carrier.

56. (Previously Presented) The method according to claim 55 wherein the nutritional supplement is in a liquid or solid dosage form.